



Docket No.: KCC 16,652

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael T. MORMAN  
Sjon-Paul L. CONYER  
Randall J. PALMER  
Charles J. MORELL

Serial No.: 09/995,962

Filing Date: 28 November 2001

Title: PROCESS FOR MAKING NECKED  
NONWOVEN WEBS AND LAMINATES  
HAVING CROSS-DIRECTIONAL  
UNIFORMITY

Group No.: 1732

Examiner: Tentoni, Leo B.

**REQUEST FOR ENTRY OF PREVIOUSLY SUBMITTED INFORMATION  
DISCLOSURE STATEMENTS AND FOR REJOINDER OF SPECIES CLAIMS**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants are in receipt of the Notice of Allowance dated 29 March 2004.

Applicants request entry of the prior art cited in the following Information Disclosure Statements, which were timely and properly submitted.

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

13 April 2004

13 Apr. 2004

Date

Michael J. Peterson

Signature

- a) Second Information Disclosure Statement, filed 08 January 2003;
- b) Third Information Disclosure Statement, filed 20 November 2003; and
- c) Fourth Information Disclosure Statement, filed 24 February 2004.

Copies of these Information Disclosure Statements are enclosed. Also enclosed are copies of stamped post cards indicating their receipt by the U.S. Patent and Trademark Office.

Pursuant to M.P.E.P. §819.04, Applicants request rejoinder and allowance of species Claims 33, 40, 45, 55, 62, 67, 74, 81 and 86. These claims depend from allowed independent Claims 1, 34, 41, 46, 56, 63, 68, 75 and 82, respectively, and are patentable for at least the same reasons as the allowed independent claims. Each of the species claims recites a limitation in addition to the combination of limitations found patentable in the respective independent claim. Independent Claim 1 and species Claim 33 are illustrative:

1. A process for making a necked nonwoven material having improved cross-directional uniformity, comprising the steps of:

providing a nonwoven web having a central region and two edge regions;  
passing the nonwoven web through a first nip having a first average surface velocity, and a second nip having a second average surface velocity higher than the first average surface velocity;

necking the nonwoven web between the first and second nips; and

selectively increasing the necking in the central region of the nonwoven web relative to the two edge regions;

wherein the step of selectively increasing the necking in the central region comprises the step of reducing necking resistance in the central region relative to the two edge regions.

33. The process of Claim 1, further comprising the step of combining the necked nonwoven web with an elastomeric or extendible film.

In the Office Action dated 16 December 2003, Claims 33, 40 and 45 were withdrawn from consideration because (at that point) there was no allowable generic or linking claim. The independent claims have now been allowed, therefore rejoinder of the dependent species claims is now appropriate under M.P.E.P. §819.04.

Respectfully submitted,



Maxwell J. Petersen  
Registration No. 32,772

Pauley Petersen & Erickson  
2800 West Higgins Road; Suite 365  
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Docket No.: KCC-16,652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael T. MORMAN  
Sjon-Paul L. CONYER  
Randall J. PALMER  
Charles J. MORELL

Group No.: 1771

Serial No.: 09/995,962

Filing Date: 28 November 2001

Title: PROCESS FOR MAKING NECKED  
NONWOVEN WEBS AND LAMINATES  
HAVING CROSS-DIRECTIONAL  
UNIFORMITY

**SECOND INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with Rule 1.56 and MPEP Section 2001.06(a), the references listed on Form PTO-1449, were first cited in the International Search Report for the corresponding International Application, PCT/US02/17603, and are hereby brought to the attention of the Examiner as being possibly material to examination of the subject patent application. An English language version of the International Search Report, Form PCT/ISA/210, is also enclosed.

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I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

08 January 2003

08 Jan 2003  
Date

Signature

The undersigned states that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement and that this Information Disclosure Statement is therefore being made within the three month period required by 37 C.F.R. §1.97(e). Form PTO-1449 (1 page) is enclosed with a copy of each and every reference cited on Form PTO-1449.

Form PTO-1449 (1 page) is enclosed with a copy of each and every reference cited on Form PTO-1449.

Respectfully submitted,



Mark D. Swanson  
Registration No. 48,498

Pauley Petersen Kinne & Erickson  
2800 West Higgins Road  
Suite 365  
Hoffman Estates, Illinois 60195  
TEL (847) 490-1400  
FAX (847) 490-1403



Sheet 1 of 1

FORM PTO-1449  
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-1157

SERIAL NO.

09/995,962

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Michael T. MORMAN et al.

FILING DATE

28 November 2001

GROUP

1771

**U.S. PATENT DOCUMENTS**

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|---------------|-------|----------|----------------------------|
|                   | AA | 4,981,747       | 01/1991 | Morman        | 428   | 198      |                            |
|                   | AB | 6,028,240       | 02/2000 | Wessel et al. | 604   | 358      |                            |
|                   | AC |                 |         |               |       |          |                            |
|                   | AD |                 |         |               |       |          |                            |
|                   | AE |                 |         |               |       |          |                            |
|                   | AF |                 |         |               |       |          |                            |
|                   | AG |                 |         |               |       |          |                            |
|                   | AH |                 |         |               |       |          |                            |
|                   | AI |                 |         |               |       |          |                            |
|                   | AJ |                 |         |               |       |          |                            |
|                   | AI |                 |         |               |       |          |                            |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|---------|---------|-------|----------|-------------|----|
|  |    |                 |         |         |       |          | YES         | NO |
|  | AL | 602 613 A1      | 06/1994 | EP      | D04H  | 1/56     |             |    |
|  | AM | WO 99/37841     | 07/1999 | PCT     | D04H  | 1/54     |             |    |
|  | AN |                 |         |         |       |          |             |    |
|  | AO |                 |         |         |       |          |             |    |
|  | AP |                 |         |         |       |          |             |    |

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KCC-1157

USCOMM-DC 80-3985

P1005.2/ mrc



# COPY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Please affix the USPTO receipt stamp hereon as evidence of receipt of the following enclosed papers.

- Second Information Disclosure Statement (2 pages)
- Form PTO-1449 (1 page) along with a copy of each and every reference cited on Form PTO-1449
- Copy of Notification of Transmittal of the International Search Report or the Declaration, PCT/ISA/220 (3 pages)
- Copy of the English Language Version of the International Search Report for the corresponding International Application, PCT/US02/17603, Form PCT/ISA/210 (5 pages)

All by Certificate of Mailing dated 08 January 2002.

Applicants: Michael T. Morman et al.

Serial No.: 09/995,962

Filing Date: 28 November 2001

Title: PROCESS FOR MAKING NECKED NONWOVEN WEBS AND LAMINATES HAVING CROSS-DIRECTIONAL UNIFORMITY

KCC-1157

Mark D. Swanson





# COPY

Docket No.: KCC-16,652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael T. MORMAN  
Sjon-Paul L. CONYER  
Randall J. PALMER  
Charles J. MORELL

Serial No.: 09/995,962

Filing Date: 28 November 2001

Title: PROCESS FOR MAKING NECKED  
NONWOVEN WEBS AND LAMINATES  
HAVING CROSS-DIRECTIONAL  
UNIFORMITY

Group No.: 1771

Examiner:  
L. Salvatore

### THIRD INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on Form PTO-1449 are brought to the attention of the Examiner as being possibly material to examination of the subject patent application.

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I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

*20 November 2003*

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*20 Nov. 2003*  
Date

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*Manus Retter*  
Signature

Signature

Serial No.: 09/995,962

Docket No.: KCC-16,652

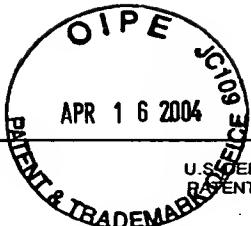
Form PTO-1449 (1 page) is enclosed with a copy of each and every reference cited on Form PTO-1449.

Respectfully submitted,



Maxwell J. Petersen  
Registration No. 32,772

Pauley Petersen & Erickson  
2800 West Higgins Road  
Suite 365  
Hoffman Estates, Illinois 60195  
TEL (847) 490-1400  
FAX (847) 490-1403



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Sheet 1 of 1

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
KCC-16,652SERIAL NO.  
09/995,962**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Michael T. MORMAN et al.

FILING DATE

28 November 2001

GROUP

1771

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>II |    | DOCUMENT NUMBER | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|-----------------|----|-----------------|---------|---------------|-------|----------|-------------------------------|
|                 | AA | 4,016,319       | 04/1977 | Marshall      | 428   | 113      |                               |
|                 | AB | 5,456,971       | 10/1995 | Fahmy         | 428   | 212      |                               |
|                 | AC | 5,622,772       | 04/1997 | Stokes et al. | 442   | 401      |                               |
|                 | AD |                 |         |               |       |          |                               |
|                 | AE |                 |         |               |       |          |                               |
|                 | AF |                 |         |               |       |          |                               |
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|                 | AI |                 |         |               |       |          |                               |
|                 | AJ |                 |         |               |       |          |                               |
|                 | AK |                 |         |               |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|---------|---------|-------|----------|-------------|----|
|  |    |                 |         |         |       |          | YES         | NO |
|  | AL | GB 2 114 174    | 08/1983 | GB      | D04H  | 1/46     |             |    |
|  | AM |                 |         |         |       |          |             |    |
|  | AN |                 |         |         |       |          |             |    |
|  | AO |                 |         |         |       |          |             |    |
|  | AP |                 |         |         |       |          |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KC-1157

USCOMM-DC 80-3985



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Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Please affix the USPTO receipt stamp hereon as evidence of receipt of the following enclosed papers.

- Third Information Disclosure Statement (2 pages) along with Form PTO-1449 (1 page) and a copy of each and every reference listed on Form PTO-1449

All by Certificate of Mailing dated 20 November 2003.

Applicants: Michael T. MORMAN et al.

Serial No.: 09/995,962

Filing Date: 28 November 2001

Title: PROCESS FOR MAKING NECKED NONWOVEN WEBS AND LAMINATES HAVING CROSS-CORRECTIONAL UNIFORMITY

KCC-1157

✓ FILE



Maxwell J. Petersen



**COPY**

UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: KCC-16,652

Applicants: Michael T. MORMAN  
Sjon-Paul L. CONYER  
Randall J. PALMER  
Charles J. MORELL

Serial No.: 09/995,962

Filing Date: 28 November 2001

Title: PROCESS FOR MAKING NECKED  
NONWOVEN WEBS AND LAMINATES  
HAVING CROSS-DIRECTIONAL  
UNIFORMITY

Group No.: 1732

Examiner:  
L. Tentoni

#### **FOURTH INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on Form PTO-1449 are brought to the attention of the Examiner as being possibly material to examination of the subject patent application.

---

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

24 February 2004

24 Feb 2004  
Date

Maryl M. Peterson  
Signature

Serial No.: 09/995,962

Docket No.: KCC-16,652

Form PTO-1449 (1 page) is enclosed with a copy of each and every reference cited on Form PTO-1449.

Because this Fourth Information Disclosure Statement is being filed after receipt of the first Office Action, but before receipt of a Notice of Allowance, Applicants have enclosed a check in the amount of \$180.00 to cover the fee under 37 C.F.R. 1.17(p). The Commissioner is authorized to charge any additional fee required to Deposit Account No. 19-3550.

A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Maxwell J. Petersen  
Regis. No. 32,772

Pauley Petersen & Erickson  
2800 West Higgins Road  
Suite 365  
Hoffman Estates, Illinois 60195  
TEL (847) 490-1400  
FAX (847) 490-1403

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
KCC-16,652SERIAL NO.  
09/995,962**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

## APPLICANT(S)

Michael T. MORMAN et al.

## FILING DATE

28 November 2001

## GROUP

1732

**U.S. PATENT DOCUMENTS**

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-------------------|-------|----------|----------------------------|
|                   | AA | 3,949,127       | 04/1976 | Ostermeier et al. |       |          |                            |
|                   | AB | 4,295,251       | 10/1981 | Tatham et al.     |       |          |                            |
|                   | AC | 4,443,513       | 04/1984 | Meitner et al.    |       |          |                            |
|                   | AD | 5,807,292       | 09/1998 | Delmore           |       |          |                            |
|                   | AE |                 |         |                   |       |          |                            |
|                   | AF |                 |         |                   |       |          |                            |
|                   | AG |                 |         |                   |       |          |                            |
|                   | AH |                 |         |                   |       |          |                            |
|                   | AI |                 |         |                   |       |          |                            |
|                   | AJ |                 |         |                   |       |          |                            |
|                   | AK |                 |         |                   |       |          |                            |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY       | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|---------|---------------|-------|----------|-------------|----|
|  |    |                 |         |               |       |          | YES         | NO |
|  | AL | EP 0 396 800 A1 | 11/1990 | EP            |       |          |             |    |
|  | AM | JP 09 285488 A  | 11/1997 | JP (Abstract) |       |          |             |    |
|  | AN | WO 99/37841     | 07/1999 | PCT           |       |          |             |    |
|  | AO |                 |         |               |       |          |             |    |
|  | AP |                 |         |               |       |          |             |    |

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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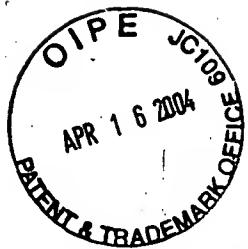
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| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KCC-1157

USCOMM-DC 80-3985

p1005-4.wpd/ mrc



# COPY

Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Please affix the USPTO receipt stamp hereon as evidence of receipt of the following enclosed papers.

- Fourth Information Disclosure Statement (2 pages), in duplicate, along with Form PTO-1449 (1 page) and a copy of each and every reference cited on Form PTO-1449
- Check in the amount of \$180.00 to cover the fee

All by Certificate of Mailing dated 24 February 2004.

Applicants: Michael T. MORMAN et al.

Serial No.: 09/995,962

Filing Date: 28 November 2001

Title: PROCESS FOR MAKING NECKED NONWOVEN WEBS AND LAMINATES HAVING CROSS-DIRECTIONAL UNIFORMITY

KCC-1157 ✓ FILE



Maxwell J. Petersen